

MOUSEBOAT™

The Revolutionary Manoeuvring Control Device for blue ARROW®

HamiltonJet's MouseBoat is a new concept in low speed manoeuvring control for waterjet powered boats. Based on the intuitive simplicity of a computer mouse, MouseBoat makes it extremely easy for anyone to manoeuvre a vessel safely in any situation.



Note: Image shown here may differ in appearance from actual MouseBoat device

Features & Benefits

- Complete low speed manoeuvring control of a vessel from a single-handed device – integrates controls for ahead/astern, steering and engine throttle
- Intuitive action – everyone knows how to use a mouse
- Makes low speed manoeuvring control very easy – vessel movement follows MouseBoat motion
- Improves safety and reduces collision risk in tight docking situations – operator can react instinctively to changing situations without having to think about what to do
- Simplifies steering control when going astern
- Provides up and down engine throttle idle/gain adjustment
- Stable hand position for safer operation in adverse sea or weather conditions
- Safety “spring centred” action – on release MouseBoat returns controls to “zero speed” neutral position
- Unique and stylish design suitable for both work and pleasure boats
- Weather proof to IP66 standard – suitable for mounting at exposed control stations
- Totally integrated with and exclusive to the HamiltonJet blue ARROW control system – high reliability, easy installation, high level of system backup and support

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Functionality

- Twin Waterjet Installation...
 - Triple axis movement – forward/back, side-to-side and rotation
 - Controls ahead/astern, sideways movement and vessel heading
- Single Waterjet Installation...
 - Twin axis movement – forward/back and rotation
 - Controls ahead/astern and vessel heading
- Engine RPM control...
 - “+” and “-” buttons increase and decrease both engine RPM and degree of movement “gain” by a preset increment
 - RPM can be adjusted with MouseBoat in any position



Twin waterjet function above

Single waterjet functionality below



Operation

- The blue ARROW control system is programmed to translate MouseBoat movement into differential control of the Astern Deflectors to provide a full range of manoeuvres, in particular sideways tracking (with twin jet installations only).
- Control is switched between low speed MouseBoat and high speed wheel/levers simply by pressing the “Take Control” button on the required device when both devices are synchronised (indicated on the Station Control Panel)
- Move the MouseBoat in the direction you require the vessel to travel or rotate it to port or starboard to adjust heading of the boat in that direction. Ahead/astern, sideways movement and rotation can be combined.
- Moving or rotating the MouseBoat further in the direction of travel will automatically increase engine RPM to increase boat speed or rate of turn. Releasing the MouseBoat will return it to the central “zero speed – straight ahead” mode.

Scope of Supply

- MouseBoat is the only low speed manoeuvring device available for the blue ARROW control system
- One MouseBoat is supplied per control station (up to three stations)
- 2m of cable supplied to connect MouseBoat to blue ARROW system at each control station